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DATE: December 8, 2003

**TO: UNITED STATES PATENT AND TRADEMARK OFFICE**  
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**Filing Receipt Corrections**

Andrew T. Spence, Reg. No. 45,699

Appl. No. 10/608,697

In re: Kenney et al.

Confirmation No. 9682

Filed: June 27, 2003

Title: SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DEMODULATING  
QUADRATURE AMPLITUDE MODULATED SIGNALS

Please process the attached **Request for Corrected Filing Receipt** (1 page), accompanied by the Filing Receipt (2 pages) and a copy of the Assignment (3 pages) in this matter. Please forward the corrected Filing Receipt as soon as possible to Andrew T. Spence of Alston & Bird LLP. Please fax confirmation of receipt to 704-444-1111. Thank you.

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CLIENT/MATTER:

042933/262667

REQUESTED BY:

Sarah Simmons 1142

VOICE NUMBER:

CLT01/4544166v1

Attorney's Docket No. 042933/262667

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**PATENT**

In re: Thomas J. Kenney et al.  
Appl. No.: 10/608,697  
Filed: June 27, 2003  
For: SYSTEM, METHOD AND COMPUTER PROGRAM  
PRODUCT FOR DEMODULATING QUADRATURE  
AMPLITUDE MODULATED SIGNALS

Confirmation No.: 9682  
Group Art Unit: 2681

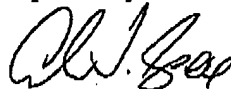
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P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

In reviewing the Filing Receipt for the above-referenced application, Applicant notes that errors appear as noted on the enclosed copy of the Filing Receipt. A copy of the Assignment in this matter is also enclosed. Applicant requests that a corrected Filing Receipt be issued.

Respectfully submitted,




Andrew T. Spence  
Registration No. 45,699

Customer No. 00826  
**ALSTON & BIRD LLP**  
Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000  
Tel Charlotte Office (704) 444-1000  
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Sarah B. Simmons  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/608,697	06/27/2003	2681	880	042933/262667	3	18	3

00826  
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CONFIRMATION NO. 9682

UPDATED FILING RECEIPT

0000000011323933

Date Mailed: 11/20/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Thomas J. Kenney, San Diego, CA;  
Gillyoung Jung, Escondido, CA;  
Jean-Marie Tran, San Diego, CA;

## Assignment For Published Patent Application

~~Nokia Inc., Irving, Texas;~~

Nokia Corporation, Espoo, Finland

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted: 09/23/2003

Projected Publication Date: 12/30/2004

Non-Publication Request: No

Early Publication Request: No

## Title

System, method and computer program product for demodulating quadrature amplitude

KE/fg  
11/24/03

modulated signals

**Preliminary Class**

455

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# ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

To the Director of the Patent and Trademark Office: Please record the attached original documents or copy thereof.		Attorney Dkt. No.: 042933/262667	
1. Name of conveying party(ies):  Thomas J. Kenney Gillyoung Jung Jean-Marie Tran  Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		2. Name and address of receiving party(ies):  Nokia Corporation Keilalahdentie 4 FIN-02150 Espoo Finland  Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>October 3, 2003</u>			
4. Application No. <u>10/608,697</u>		Patent No. _____	
If this document is being filed together with a new application, the execution date of the application is: _____  Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
5. Name and address of party to whom correspondence concerning document should be mailed:  ALSTON & BIRD LLP Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000		6. Total number of applications and patents involved:  <u>One (1)</u>	
		7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account	
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9. Statement and signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  <div style="display: flex; justify-content: space-between;"> <div>             Name of Person Signing: Andrew T. Spence            Reg. No. 45,699         </div> <div> <u>10/8/03</u>            Date         </div> </div>			
Total number of pages including cover sheet, attachments, and document: <u>Three (3)</u>			

CLT01/4613849v1

## ASSIGNMENT

THIS ASSIGNMENT, made by us, Thomas J. Kenney, citizen of the United States of America, residing at 7374 Mannix Court, San Diego, California 92129; Gillyoung Jung, citizen of South Korea, residing at 1481 Knoll Park Glen, Escondido, California 92029; Jean-Marie Tran, citizen of ~~the United States of America and~~ France, residing at 3256 Galloway Drive, San Diego, California 92122, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DEMODULATING QUADRATURE AMPLITUDE MODULATED SIGNALS for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on June 27, 2003, under Application No. 10/608,697, and

WHEREAS, NOKIA CORPORATION, a Finland corporation having a principal place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

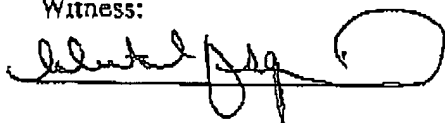
We hereby request that said Letters Patent be issued in accordance with this assignment.

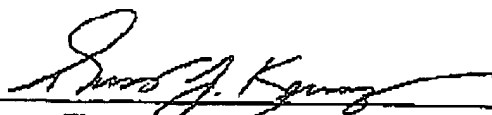
We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant, and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

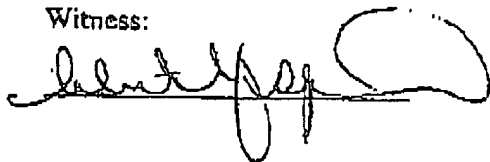
IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 3rd  
day of October, 2003.


Witness:



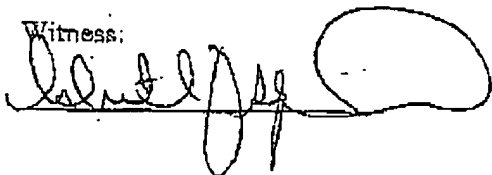
  
Thomas J. Kenney (SEAL)

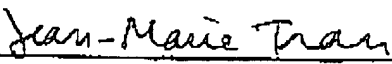
Witness:



  
Gillyoung Jung (SEAL)

Witness:



  
Jean-Marie Tran (SEAL)